

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	60149	crystallization with temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/21 15:15
L4	412	L3 and (gete or "sb. sub.2Te.sub.3")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/21 15:16
L7	43	L3 with (gete or ("sb.sub.2" "Te.sub.3") or ("sb.sub.2Te. sub.3"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/21 15:18
L8	15	L3 with (("Ge.sub.2" "Sb. sub.2" "Te.sub.5") or ("Ge. sub.2Sb.sub.2Te.sub.5"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/21 15:30
L12	110	@ad<="20040219" and "GeTe" same "Sb.sub.2Te. sub.3"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/21 15:35
S1	15	((TOW) near2 (CHONG)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/13 19:00
S2	37	((LU) near2 (SHI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/13 19:00
S3	3	((RONG) near2 (ZHAO)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/13 19:00
S4	2	((XIANG) near2 (MIAO)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/13 19:00
S5	2	((PIK) near2 (TAN)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/13 19:01
S6	1	((HAO) near2 (MENG)). INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/13 19:01
S7	33	((KAI) near2 (YI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/13 19:01
S8	2	((XIANG) near2 (HU)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/13 19:01
S9	45	((KE) near2 (LI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/13 19:01

S10	31	((PING) near2 (LUO)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/13 19:01
S11	3	(S1 or S2 or S3 or S4 or S5 or S6 or S7 or S8 or S9 or S10) and ((phase near3 chang\$3) and (layer or film)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/13 19:02
S12	1	("5912839").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/13 19:06
S13	141	("5166901").PN. OR ("5912839").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/13 19:06
S14	12	10/120521	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/14 09:39
S15	6	((("4177475") or ("4203123") or ("5363329") or ("6507061") or ("20030155589") or ("20040026730")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/14 09:49
S16	86	(phase near2 change) and (germanium selenide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 12:06
S19	10	(phase with chang\$3) same (germanium selenide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 12:11
S21	17	(phase with (chang\$3 or transition)) same (germanium selenide or ("ge.sub."\$2 "se.sub."\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 12:17
S22	4	(phase with transition) same (germanium selenide or ("ge.sub."\$2 "se. sub."\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 12:17
S23	10	(phase with crystal\$4) same (germanium selenide or ("ge.sub."\$2 "se. sub."\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 12:19

S24	1257	crystallization speed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 12:43
S25	517	S24 and (phase with (chang \$3 or transition))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 12:44
S26	2	S25 and pcram	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 12:44
S29	161	S24 and (phase with (chang \$3 or transition)) and chalcogen\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 12:47
S30	49	((("20080001136") or ("5757690") or ("5973957") or ("5426614") or ("5832493") or ("5835413") or ("5882969") or ("5890191") or ("5896338") or ("5903500") or ("5912839") or ("5923674") or ("5933026") or ("5937424") or ("5940861") or ("5949335") or ("6023570") or ("6108259") or ("6141241") or ("6148360") or ("6150253") or ("6201739") or ("6223290") or ("6223290") or ("6359809") or ("6429732") or ("6584559") or ("6629190") or ("6738873") or ("6888754") or ("6889287") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/14 13:52

		( "7057228") or "7281090") or "7284090") or "7296119") or "20010010656") or "20030046605") or "20040151028") or "20050017287") or "20050198463") or "20050198465") or "20050234785") or "20050246573") or "4488001") or "5517631") or "5617380") or "6459858") or "6600098") or "7152156") or "7162452"))).PN.				
S31	173	(phase with chang\$3) and (chalcogen\$3) and PCRAM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 13:57
S32	437	257/613.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 13:58
S34	28	257/613.ccls. and ((phase with chang\$3) or pcram or pcrom)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 13:58
S36	1833	257/314.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 13:59
S38	46	257/314.ccls. and ((phase with (chang\$3 or transition)) or pcram or pcrom)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 13:59

S39	799	711/104.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 14:00
S40	85	711/103,104.ccls. and ((phase with (chang\$3 or transition)) or pcam or pcrom)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 14:00
S41	9	((("5166758") or ("5296716") or ("5414271") or ("5359205") or ("5341328") or ("5536947") or ("5534712") or ("5687112") or ("5825046"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/14 15:28
S42	9	S41 and (crystal\$4 with deposit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/14 15:31
S43	1	(US-20030155589-\$).did.	US-PGPUB	ADJ	ON	2008/05/15 10:29
S44	0	S43 and (crystallization with speed)	US-PGPUB	ADJ	ON	2008/05/15 10:30
S45	0	S43 and (speed)	US-PGPUB	ADJ	ON	2008/05/15 10:30
S46	48	(US-20080055970-\$ or US- 20080001136-\$ or US- 20030155589-\$ or US- 20040026730-\$ or US- 20070148869-\$ or US- 20020168852-\$ or US- 20030047765-\$ or US- 20040053461-\$ or US- 20050041467-\$ or US- 20050162883-\$ or US- 20070257246-\$ or US- 20030183867-\$ or US- 20040026731-\$).did. or (US-5912839-\$ or US- 7365411-\$ or US-7348209- \$ or US-6737312-\$ or US- 6813178-\$ or US-6833559- \$ or US-6836423-\$ or US- 6356496-\$ or US-6809362- \$ or US-6856002-\$ or US- 6867996-\$ or US-6867114-	US-PGPUB; USPAT	ADJ	ON	2008/05/15 10:36

		\$ or US-6888155-\$ or US-6894304-\$ or US-6914801-\$ or US-6953720-\$ or US-7018863-\$ or US-7087919-\$ or US-7087454-\$ or US-7098068-\$ or US-7115992-\$ or US-7153721-\$ or US-7269079-\$ or US-7329558-\$ or US-5363329-\$ or US-4203123-\$.did. or (US-6507061-\$ or US-4177475-\$ or US-4803660-\$ or US-5100700-\$ or US-5479382-\$ or US-6150253-\$ or US-6563164-\$ or US-6750101-\$ or US-5166758-\$.did.				
S47	8	S46 and (crystallization with speed)	US-PGPUB; USPAT	ADJ	ON	2008/05/15 10:36
S48	2	(phase with chang\$3) and (pcram or pcrom) and (crystal\$4 with deposit\$2 with state)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/15 11:22
S49	291	(phase with chang\$3) and (crystal\$4 with deposit\$2 with state)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/15 11:23
S50	73	(phase with chang\$3) and (crystal\$4 with deposit\$2 with state) and ("257" or "438").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/15 11:24
S54	157	((phase with change) or pcram) and ((outer or external or (top and bottom)) with layer) same (speed and temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/19 17:02
S58	891	((phase with change) or pcram) and (crystallization with speed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/19 17:07
S59	7	((phase with change) or pcram) and ((crystallization with speed) with (top or external or bottom) with layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/19 17:08

S60	23	((phase with change) or pcrum) and ((crystallization with speed) with (top or external or outer or bottom) with layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/19 17:08
S62	34	pcram and (crystallization with (speed or temperature))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/19 17:21
S63	9	((("5166758") or ("5296716") or ("5414271") or ("5359205") or ("5341328") or ("5536947") or ("5534712") or ("5687112") or ("5825046"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/19 17:35
S66	18	(titanium or tungsten or niobium) with (crystallization with speed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/19 17:52
S67	199	(titanium or tungsten or niobium) with (crystallization with (time or rate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/19 17:56
S68	199	(titanium or tungsten or niobium) with (crystallization with (time or rate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/05/19 17:57

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